

FIG. 1

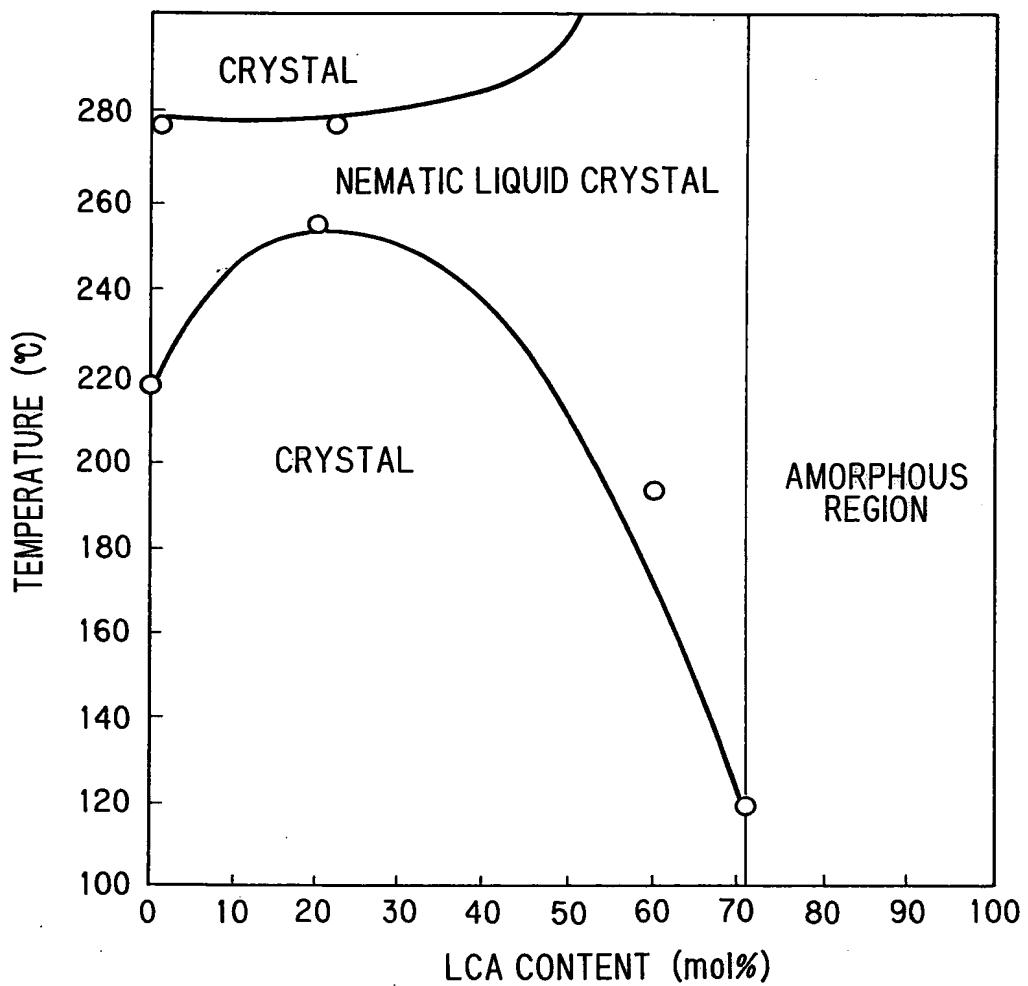
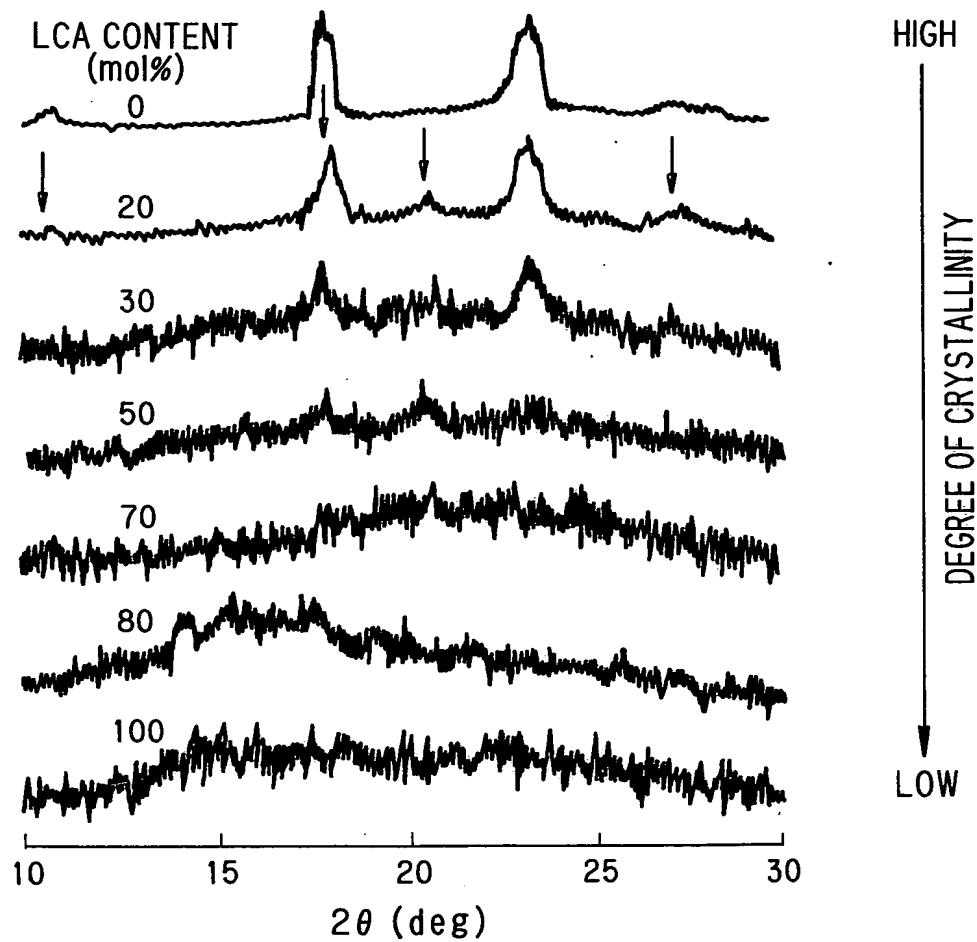


FIG. 2

COPOLYMER STRUCTURE (EFFECT OF LCA)



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FIG.3A

FIG.3B

FIG.3C

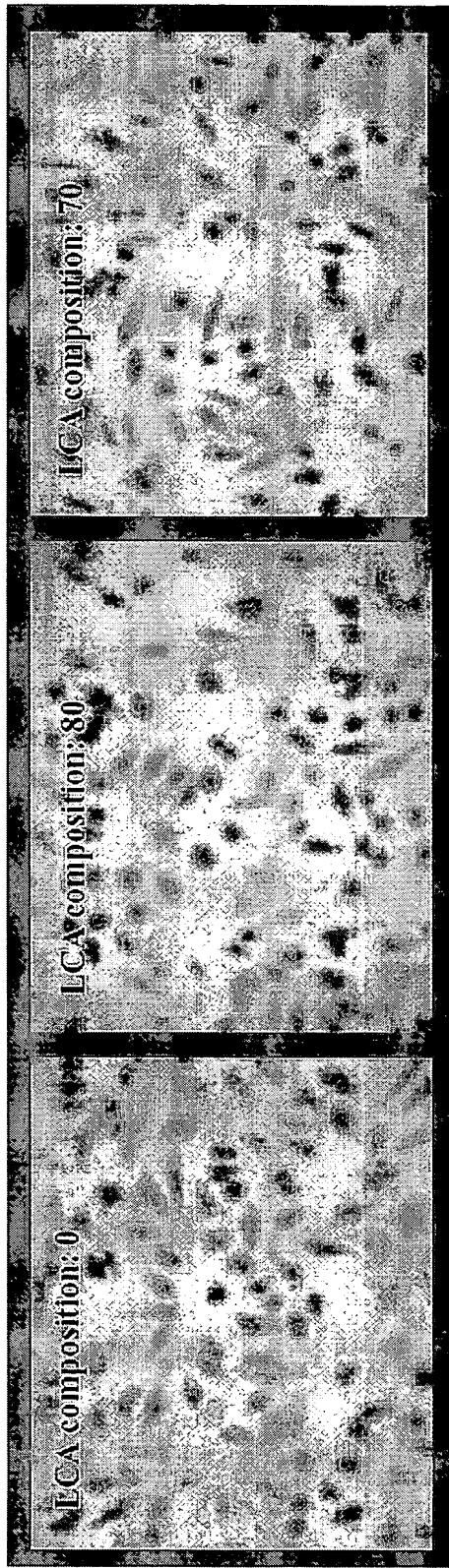


FIG. 4A

CRYSTAL (25°C)

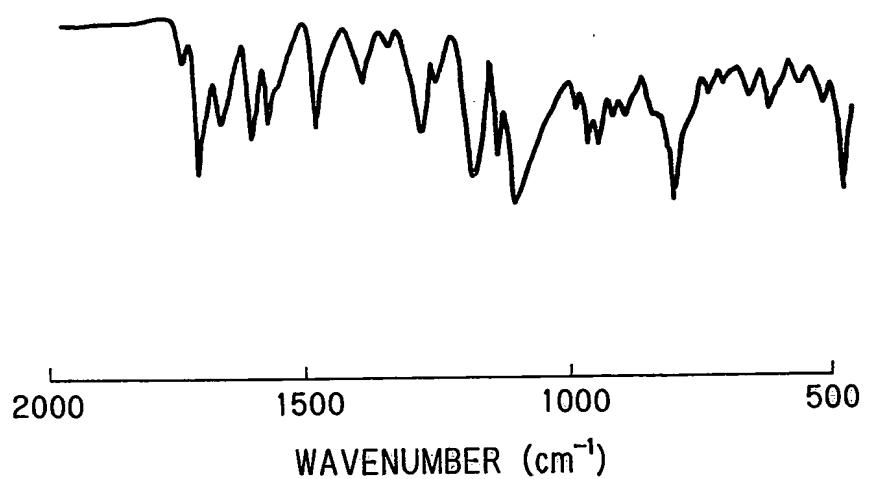
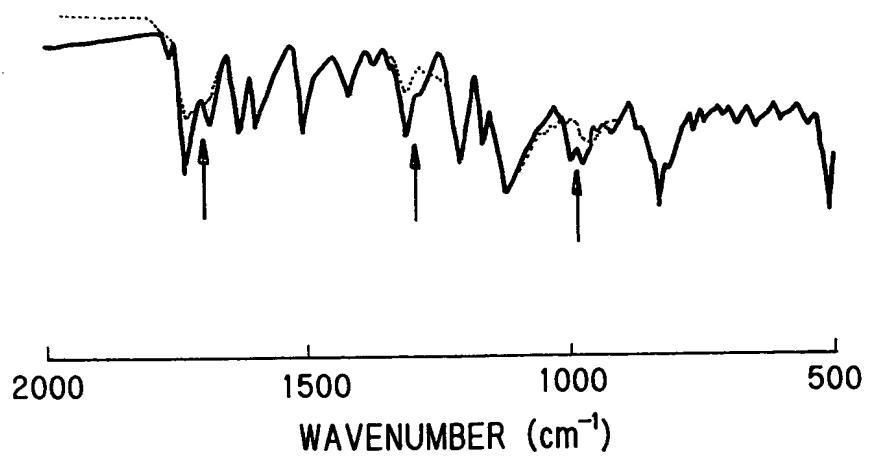
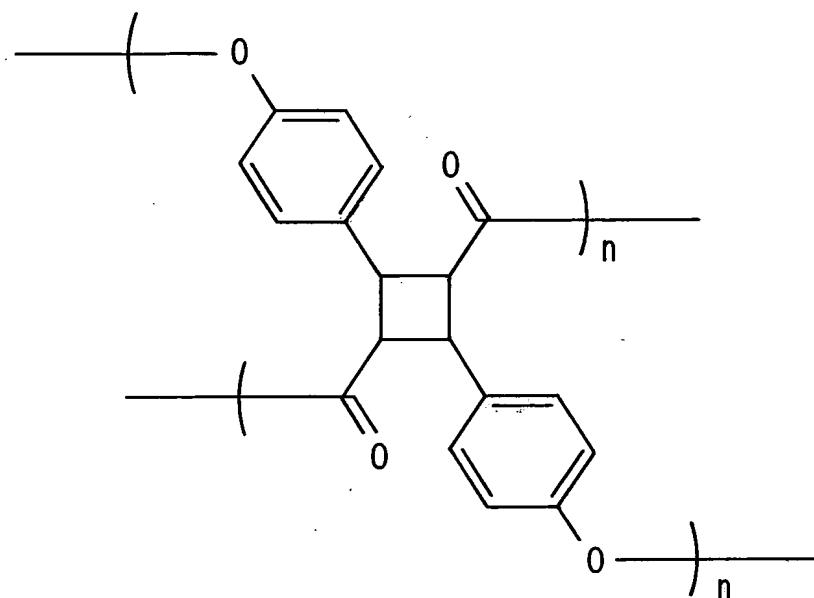


FIG. 4B

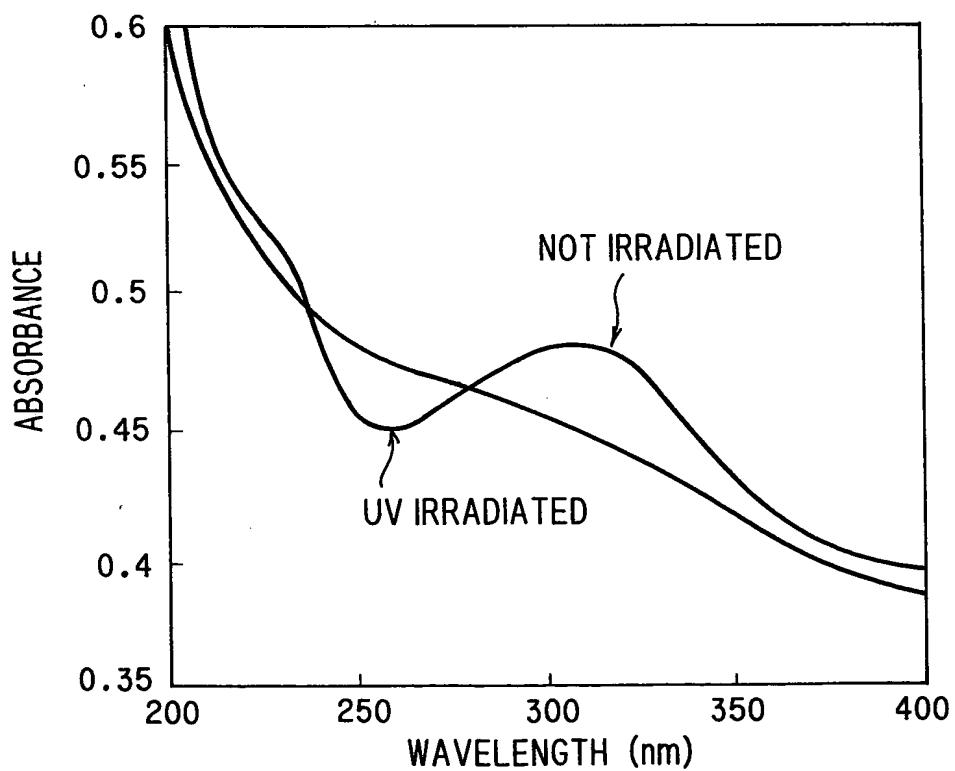
LIQUID CRYSTAL (220°C)



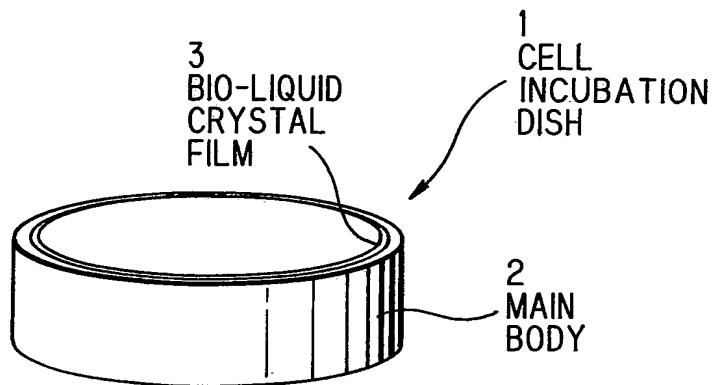
*FIG. 5A*



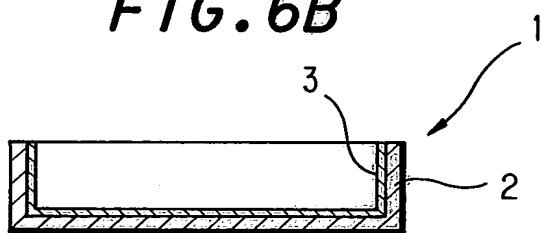
*FIG. 5B*



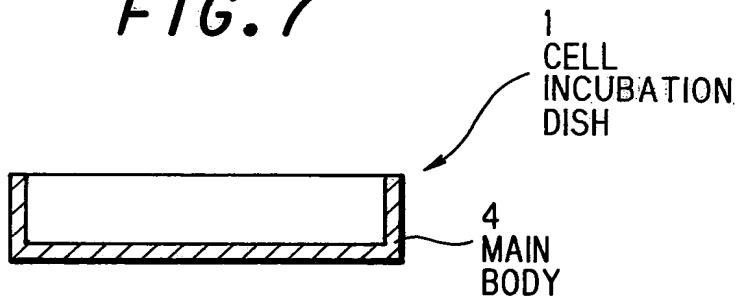
*FIG. 6A*



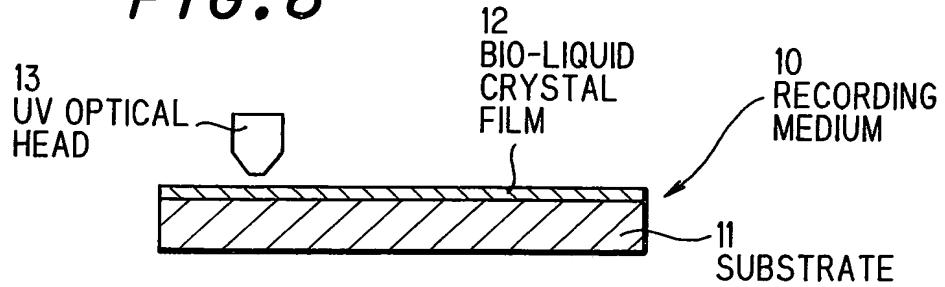
*FIG. 6B*



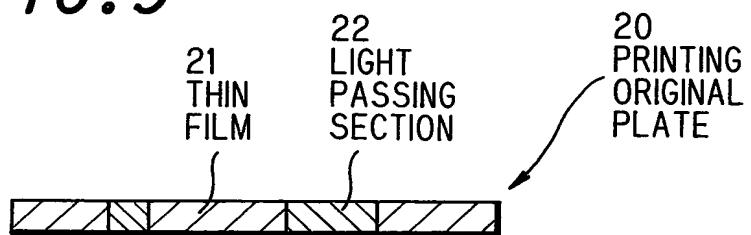
*FIG. 7*



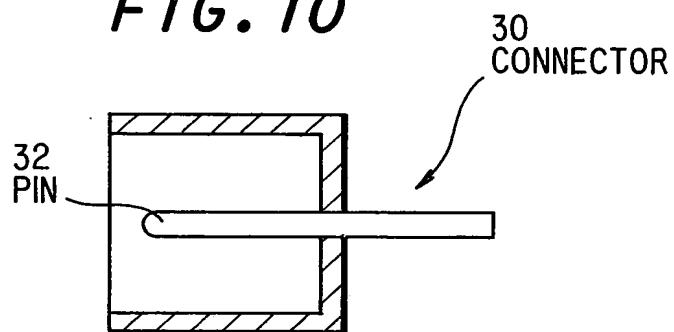
*FIG. 8*



*FIG. 9*



*FIG. 10*



*FIG. 11*



FIG. 12

